



Thermal Energy Generator Internship

Host: Seatrec, Inc. is a technology startup company based in Monrovia, California. Seatrec is commercializing the ocean thermal energy harvesting technology developed at Jet Propulsion Laboratory (JPL), California Institute of Technology (Caltech). With exclusive license from JPL/Caltech for the two granted patents, Seatrec is developing a thermal energy generator that can be used to power sensors and platforms where there is sufficient thermal energy associated with temperature differentials (see seatrec.com for more details).

Location: Monrovia, California

Dates: Flexible with regard to student's academic commitments.

Salary: \$15 to \$20 per hour depending upon experience and qualifications.

Position Description: Internship is available working with engineers at Seatrec, Inc. Seatrec is developing a thermal energy generator that can convert relatively small (10°C) temperature differences into electricity. The intern will be involved in the implementation and test of the thermal energy generator. Specific tasks include: (1) high pressure hydraulic tubing (e.g., cutting, bending, fitting), (2) assembly of mechanical components, (3) laboratory testing of prototypes, and (4) recording and tracking of various test data.

Eligibility/Requirements: The internship is intended for college juniors or seniors and graduate students. Applicants must have completed courses in engineering. Interns must be a quick learner, confident with hands-on activities, familiar with the use of handtools and powertools, work independently, keep excellent laboratory notes, and be reliable.

Contact: Interested candidates should submit a resume including a statement of interests to yi@seatrec.com.